Use Attainability Analysis

for

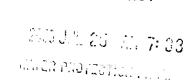
WBID 2399 Trib. to Flat Creek

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

Date Received: July 25, 2005





Water Body Name (from USGS 7.5' quad): Trib. of Flat Creek
8-digit HUC: 11010001
Missouri WBID #: 2399
County: Barry
Upstream Legal Description: 28,24N,26W
Downstream Legal Description: 9,24N,26W
Upstream Coordinates: 433640 E, 4069745 N
Downstream Coordinates: 434080 E, 4073140 N
Discharger Facility Name(s):
Discharger Permit Number(s):
Number of Sites Evaluated: 3
Name of Surveyor and Telephone Number: Jeff Woodward (417)888-4029
Organization: DNR SWCP
Position: Soil Scientist III

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed:	3 min	Dates
6-2	165	

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Transfer of the same life and the	9-01			Pescription: 2320 feet west a T. 24 N., R. 26 W.	ind 680 feet north of SE	
Site GPS Coordinates:	433640 E, 4069745	N.	corner sec. 21,	1+24 N., B. 20 W.		
Date & Time: 6/22/05,	8:55 a.m.		Facility Name:			
Personnel: Woodward	& Campbell		Permit Number:			
Current Weather Condit	tions: hot and dry		Weather Condi	tions for Past 7 days: hot an	d dry	
Photo Ids: Upstream: v	wbu2399-01 Do	wnstream: w	vbd2399-01 Oth	eri		
es Observed*:						
Swimming	Skin diving		CUBA diving	Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking	□ B	Boating	Wading	Rafting	
Hunting	Trapping	ПЕ	ishing	None of the above	Other:	
			queiny vi uou, pinne	-documentation of evidence		
rrounding Conditio				uses. Attach photos of evide		
rrounding Conditio		promote or i				
rrounding Conditions of interest.)	ns*: (Mark all that	promote or i	mpede recreational	uses. Attach photos of evide	nce or unusual	
rrounding Conditions of interest.)	ns*: (Mark all that	promote or i	mpede recreational conservation lands al forests	uses. Attach photos of evide	nce or unusual	
rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that Playgrounds State parks Stree	promote or i	mpede recreational conservation lands al forests	uses. Attach photos of evide Urban areas Nature trails	nce or unusual	
rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that Playgrounds State parks Stree	promote or i	mpede recreational conservation lands al forests	uses. Attach photos of evide Urban areas Nature trails	nce or unusual	
rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that Playgrounds State parks Fence	promote or i	mpede recreational conservation lands al forests slopes	uses. Attach photos of evide Urban areas Nature trails Other:	nce or unusual Campgrounds Stairs/walkway	

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Data Sheet B - Site Characterization

Page Two - WBID #2399-01:

□ Pool V □ Flow P Downstream	Vidth (ft): Vidth (ft): resent?		Length (5000741	Avg. Depth (i		Max. Depth (ft	
⊠ Flow P	resent?	☐ Yes		(ft):	Avg. Depth (i	93-	May Donth (fit	
⊠ Flow P	resent?	Yes			Avg. Depth (ft):		Max. Depth (ft):	
			⊠ No		Estimated (ft ³			
	W WINE	Physical	Dimensio	ns.				
	Vidth (ft):	nysica	Length (Avg. Depth (f	9):	Max. Depth (ft)s
		/idth (ft): Length (ft):			Avg. Depth (1		Max. Depth (ft	
				-		7		
	Vidth (ft):		Length ((11):	Avg. Depth (f		Max. Depth (ft	
⊠ Flow P	resent?	Yes	⊠ No		Estimated (ft ³	/sec):		
bstrate*: (1	hese valu	es should	add up to 100	3%.)				
10% C	Cobble	909	% Gravel	% San	nd	% Silt	% Mud/Clay	% Bedrock
Odor:		*: (Mark Sewage	all that apply	1	hemical	None	Other:	
Color:		Clear	Gree	-	-	Milky	Other:	
Bottom Depo		Sludge	Soli		ine sediments	None	Other:	
Surface Depo		Oil	Scur	Acces .	oam	None	Other:	
y upstream a nis information nprehensive un	is not to be derstanding creation us	nstream se used so ng of wate se analysis	lely for remore r conditions. s but may poi	val of a recreation Consequently, and to conditions	onal use designathis information that need further	ation but rather is not intende or analysis or t	rviews) to this for r is to provide a more of to directly influence hat effect another use mation reported	e a
he undersig tasheet is tr								
	ue and a	ccurate				6-22-	05	

WBID 2399 – Downstream #1



WBID 2399 – Upstream #1



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	9-02		Site Location D	escription: CR 1182		
Site GPS Coordinates:	433850 E, 4072745	N.				
Date & Time: 6/22/05,	8:40 a.m.		Facility Name:			
Personnel: Woodward	& Campbell		Permit Number:			
Current Weather Condit	tions: hot and dry		Weather Condit	ions for Past 7 days: hot an	d dry	
Photo Ids: Upstream: v	vbu2399-02 Dov	wnstream; w	bd2399-02 Othe	r		
55 B						
s Observed*:	-	1-		1-	I —	
Swimming	Skin diving	□ SC	CUBA diving	Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking	Be	oating	Wading	Rafting	
Hunting	Trapping	□Fi	shing	None of the above	Other:	
	per or individuals rec	reating, freq	uency of use, photo-	-documentation of evidence	of recreational uses, et	
Cows in creek		54 (C. 1976) 1. 10 (C. 1976) 1		documentation of evidence	2,7 (0.00 to 7 (0.00 to	
Cows in creek		promote or in			5.7.00 Sec. 9.30 (60 Feb. 955-65-65-65)	
rounding Conditions of interest.)	ns*: (Mark all that	promote or in	npede recreational u	uses, Attach photos of evider	nce or unusual	
rounding Conditions of interest.)	ns*: (Mark all that	promote or in	npede recreational u onservation lands	uses, Attach photos of eviden	nce or unusual	
rounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that	promote or in	npede recreational u onservation lands	uses. Attach photos of evider Urban areas Nature trails	nce or unusual	
rounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that parks Playgrounds State parks Fence	mDC co	npede recreational u onservation lands il forests lopes	Urban areas	nce or unusual Campgrounds Stairs/walkway	
rounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that	mDC co	npede recreational u onservation lands	uses. Attach photos of evider Urban areas Nature trails	nce or unusual	

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Data Sheet B - Site Characterization

Page Two - WBID #2399-02:

Run Width	(ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):	
T Pool Width	ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):	
LI FOOT WIGHT	ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):	
Flow Present	? Yes	⊠ No	Estimated (ft	3/sec):		
Downstream Vic	w Physica	Dimensions:				
Riffle Width	ft):	Length (ft):	Avg. Depth ((ft):	Max. Depth (ft)	
Run Width	n Width (ft): Length (ft):		Avg. Depth (ft):	Max. Depth (ft):	
Pool Width	(ft): 20	Length (ft): 25	Avg. Depth ((fi): 6 "	Max. Depth (ft)	8"
☐ Flow Present	? 🛛 Yes	□ No	Estimated (fi)/sec):		
strate*: (These % Cobble	109	add up to 100%.) % Gravel wunt of vegetation or al	% Sand	% Silt	% Mud/Clay	90% Bedrock
iter Characteris		The state of the s				
Odor:	Sewage	Musky	Chemical	⊠ None	Other:	
Color:	⊠ Clear	Green	Gray	Milky	Other:	
Bottom Deposit: Surface Deposit:	Sludge	☐ Solids ☐ Scum	Fine sediments	☐ None	Other:	
mments: Please y upstream. Sprin is information is not prehensive understa sion on the recreation	to be used so nding of wate in use analysis hereby aff	lely for removal of a r r conditions. Consequences to but may point to con firm to the best of	ecreational use design sently, this informatio ditions that need furth	nation but rather n is not intende er analysis or th	is to provide a more d to directly influence nat effect another use.	a

WBID 2399 – Downstream #2







Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	9-03		Site Loca	tion Descriptio	n: CR-2080		
Site GPS Coordinates:	434080 E, 407314	0 N.					
Date & Time: 6/22/05,	8:30 a.m.		Facility N	Facility Name:			
Personnel: Woodward	& Campbell		Permit N	Permit Number:			
Current Weather Condit	tions: hot and dry	-	Weather	Conditions for	Past 7 days: hot an	d dry	
Photo Ids: Upstream: v	wbu2399-03 D	ownstream	n: wbd2399-03	Other: wbe2	399-03		
es Observed*:							
Swimming	Skin diving		SCUBA diving	Т	ubing	☐ Water skiing	
☐ Wind surfing	Kayaking		Boating	10 (2777).03	/ading	Rafting	
Hunting	Trapping		☐ Fishing		one of the above	Other:	
Cows in creek		cereamy	arequency of and	pnoto-docume	entation of evidence	or recreational uses, et	
Cows in creek							
Cows in creek		st promote		tional uses. Att			
rounding Conditions of interest.)	ns*: (Mark all th	at promote	or impede recrea	tional uses. Att	ach photos of evide	nce or unusual	
rounding Conditions of interest.)	ns*: (Mark all the	at promote	or impede recrea DC conservation I	tional uses. Att	ach photos of evide rban areas ature trails	nce or unusual	
rounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all the	at promote	or impede recrea DC conservation I	tional uses. Att	ach photos of evide rban areas ature trails	nce or unusual	
rounding Conditions of interest.) City/county parks Boating accesses	ns*: (Mark all the	s	or impede recrea DC conservation I	ands U	ach photos of evide rban areas ature trails	nce or unusual	
rounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all the	s M Na	or impede recrea DC conservation I ational forests eep slopes	ands U	ach photos of evide rban areas ature trails ther:	nce or unusual Campgrounds Stairs/walkway	

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Data Sheet B - Site Characterization

Page Two - WBID #2399-03:

iew Physical	Length (ft): Length (ft): No Dimensions: Length (ft):	Avg. Depth Avg. Depth Estimated (I	(ft):	Max. Depth (ft): Max. Depth (ft):	
iew Physical	⊠ No Dimensions:			Max. Depth (ft):	
iew Physical	Dimensions:			The state of the s	
h (ft):					
	Length (ft):				
5 (0):	Length (tt).	Avg. Depth	(ft):	Max. Depth (ft):	
n Width (ft): Length (ft):		Avg. Depth	(ft):	Max. Depth (ft):	
h (ft):	Length (ft):	Avg. Depth	(fi):	Max. Depth (ft):	
nt? Yes	⊠ No	Estimated (f	t³/sec):		
- 200 Albert 1970		% Sand algal growth at the asse	% Silt essment site)	% Mud/Clay	% Bedrock
istics*: (Mark a	ill that apply.)				
	1 I JVIUSEV	Chemical	None	☐ Other:	
		Chemical Grav	☐ None	Other:	
☐ Clear ☐ Sludge	Green	Gray Fine sediments	☐ None ☐ Milky ☐ None	Other:	
	e values should a le 90% n*: (note amou	e values should add up to 100%.) le 90% Gravel n*: (note amount of vegetation or stics*: (Mark all that apply.)	e values should add up to 100%.) le 90% Gravel % Sand on*: (note amount of vegetation or algal growth at the asset	e values should add up to 100%.) le 90% Gravel % Sand % Silt on*: (note amount of vegetation or algal growth at the assessment site)	e values should add up to 100%.) le 90% Gravel % Sand % Silt % Mud/Clay on*: (note amount of vegetation or algal growth at the assessment site)

WBID 2399 – Downstream #3



WBID 2399 – Upstream #3



County Rd 1202 Privato County, Rd, 1195 County Rd 2110 Committee Contract Private CONTINUED IN State Hwyc

Trib. to Flat Cr. (2399) Barry County, Missouri